

ATTACHMENT 1

CALTRANS PROFESSIONALLY QUALIFIED STAFF STANDARDS

All cultural resources studies carried out by Caltrans or its consultants must be conducted by or under the direct supervision of individuals who meet the Secretary of the Interior's Professional Qualifications Standards for the relevant field of study. The standards are designed to ensure program quality and satisfy federal mandates associated with compliance with Section 106 of the National Historic Preservation Act.

Caltrans meets these standards by certifying its cultural resources staff as Professionally Qualified Staff (PQS). In order to take full advantage of the provisions of this Agreement, Caltrans PQS must meet the standards in the appropriate field. Those not fully qualified as archaeological Principal Investigators (PI) or Principal Architectural Historians (PAH) may accomplish many important tasks with oversight, generally in the form of peer review or under direct supervision by qualified staff. The Chief of the Cultural and Community Studies Office in the Headquarters Division of Environmental Analysis is responsible for certifying the qualifications of all Caltrans PQS. Minimum qualifications are listed below for cultural resources staff conducting various tasks.

ARCHAEOLOGICAL QUALIFICATIONS STANDARDS

Archaeological Crew Member

Qualified to participate in archaeological surveys and excavations under the direction of a qualified Lead Archaeological Surveyor or higher. Minimum qualifications:

- A minimum of six weeks of supervised field training (including at least three weeks each of excavation and field survey) in time blocks of at least one week duration (field school or equivalent)
- and*
- A minimum of two upper division college courses in archaeology.

Lead Archaeological Surveyor

Qualified to conduct and report archaeological surveys, and to prepare other compliance documents, with peer review provided by a qualified Prehistoric or Historical Archaeology PI to ensure document quality. Minimum qualifications:

- A bachelor's degree in anthropology with emphasis in archaeology or closely related discipline (such as history or earth sciences) and subsequent coursework in archaeology (a minimum of four upper division or graduate courses in archaeology required)
- and*
- At least six months of professional archaeological experience in California or Great Basin, including at least 12 weeks of California field survey experience
- and*
- Demonstrated ability to organize and conduct archaeological surveys, complete site record forms, and report on survey findings dealing with both prehistoric and historical archaeological resources.

Co-Principal Investigator—Prehistoric Archaeology

Qualified as a Construction Monitor, PI for Extended Phase I studies, and Co-PI for Phase II and III excavations for work involving prehistoric archaeological resources, under the direction of a Prehistoric Archaeology PI. May author proposals, reports for Extended Phase I studies, and other compliance documents, with peer review from a Prehistoric Archaeology PI to ensure document quality. Minimum qualifications:

- Qualification as a Lead Archaeological Surveyor for Caltrans
and
- At least 12 months of professional experience or specialized training in prehistoric archaeology, including: 1) at least 10 weeks of California or Great Basin excavation experience under the supervision of a Prehistoric Archaeology PI; 2) at least four weeks of supervised laboratory experience on collections from prehistoric California or Great Basin sites; and 3) at least four weeks of excavation experience in a supervisory capacity on prehistoric California or Great Basin sites
and
- Demonstrated ability to carry archaeological research to completion, as evidenced by the timely completion of an excavation report or comparable study involving a prehistoric site or sites
and
- Understanding of the Section 106 process and familiarity with cultural resources policies, procedures, and goals, as demonstrated in reports and/or past performance.

Co-Principal Investigator—Historical Archaeology

Qualified as a Construction Monitor and as Co-PI for Extended Phase I, Phase II, and Phase III excavations involving historical archaeological resources under the direction of a Historical Archaeology PI. May author reports that evaluate historical archaeological resources where no excavation is required to reach a conclusion about their eligibility and other compliance documents. That work must be peer reviewed by a Historical Archaeology PI to ensure document quality. Minimum qualifications:

- Qualification as a Lead Archaeological Surveyor for Caltrans
and
- At least 12 months of professional archaeological experience or specialized training dealing with historic-period resources including: 1) at least 10 weeks of excavation experience under the supervision of a Historical Archaeology PI; 2) at least four weeks of supervised laboratory experience on collections from historic sites; and 3) at least four weeks of excavation experience in a supervisory capacity on historic sites
and
- Demonstrated familiarity with California or Western U.S. history, documentary research, and oral history, as evidenced by upper division course work or a major research report or publication based on original research
and
- Demonstrated ability to carry archaeological research to completion, as evidenced by the timely completion of an evaluation or excavation report addressing a historic-period site or sites
and
- Understanding of the Section 106 process and familiarity with cultural resources policies, procedures, and goals, as demonstrated in reports and/or past performance.

Principal Investigator—Prehistoric Archaeology

Fully qualified under the Secretary of the Interior's standard for prehistoric archaeology to conduct all types of studies, including Extended Phase I, Phase II, and Phase III excavations, involving prehistoric

archaeological resources and traditional cultural properties or cultural landscapes of a prehistoric or ethnographic nature. May author proposals, reports for Extended Phase I, II, and III studies, and other compliance documents, with peer review to ensure document quality. May conduct consultant oversight and contract management. Minimum qualifications:

- Graduate degree in anthropology, archaeology, or cultural resources management with an emphasis in prehistoric archaeology, as evidenced by appropriate coursework
and
- At least 16 months of professional archaeological experience involving prehistoric sites, including a minimum of one year of field experience, as follows: 1) at least 24 weeks of fieldwork under the supervision of a Prehistoric Archaeology PI, of which at least 12 weeks must be excavation work; 2) at least eight weeks of laboratory experience on collections from California or Great Basin sites supervised by a Prehistoric Archaeology PI; and 3) at least 20 weeks of field work in a supervisory capacity, of which at least eight weeks must be on California or Great Basin sites
and
- Demonstrated ability to carry out archaeological research to completion, as evidenced by the completion of a thesis, dissertation, or other comparable major study focusing on a prehistoric site or sites
and
- Ability to carry out the more complex and difficult aspects of the Section 106 process
and
- Understanding of Caltrans cultural resources policies, procedures and goals, as demonstrated in reports and/or past performance
and
- Familiarity with Caltrans cultural resources contracting policies and procedures.

Principal Investigator—Historical Archaeology

Fully qualified under the Secretary of the Interior's standard for historical archaeology to conduct all types of studies, including Extended Phase I, Phase II, and Phase III excavations, involving historical archaeological resources and historic-period traditional cultural properties or cultural landscapes. May author proposals, reports for Extended Phase I, II, and III studies, and other compliance documents, with peer review to ensure document quality. May conduct consultant oversight and contract management. Minimum qualifications:

- Graduate degree in anthropology, archaeology, cultural resources management, or a closely related field with an emphasis in historical archaeology, as evidenced by a minimum of 12 upper division semester units (or equivalent) in history and the theory and methods of historical archaeology, or equivalent knowledge as shown in a thesis or dissertation or major report evaluating historical archaeological properties
and
- At least 16 months of professional archaeological experience involving historical sites, including a minimum of one year of field experience, as follows: 1) at least 12 weeks of fieldwork under the supervision of a Historical Archaeology PI, of which at least 6 weeks must be excavation work; 2) at least 4 weeks of laboratory experience on collections from California sites, supervised by a Historical Archaeology PI; and 3) at least 20 weeks of field work in a supervisory capacity, of which at least eight weeks must be on California sites
and
- Demonstrated familiarity with California or Western U.S. history, documentary research, and oral history techniques, as evidenced by upper division course work or a major research report or publication based on original research

and

- Demonstrated ability to carry out archaeological research to completion, as evidenced by the completion of a thesis, dissertation, or other comparable major study focusing on a historic-period site or sites

and

- Ability to carry out the more complex and difficult aspects of the Section 106 process

and

- Understanding of Caltrans cultural resources policies, procedures, and goals, as demonstrated in reports and/or past performance

and

- Familiarity with Caltrans cultural resources contracting policies and procedures.

ARCHITECTURAL HISTORIAN QUALIFICATIONS STANDARDS

Architectural Historian

Qualified to evaluate historic properties, other than archaeological resources. May prepare evaluation reports for all types of non-archaeological resources and other compliance documents, with peer review by a Principal Architectural Historian to ensure document quality. Minimum qualifications:

- A graduate degree in architectural history, art history, architecture, or a closely related field, with a concentration in American architecture; or a graduate degree in American history, public history, historic preservation, American studies, or a closely related field; or a bachelor's degree in one of the above disciplines, plus 12 months of full-time related professional experience in research, writing, teaching, interpretation, or other related professional activity

and

- Demonstrated ability to apply the practices of architectural history in the identification, evaluation, and documentation of historic properties in California or the United States; or demonstrated familiarity with U.S. history, documentary research, and oral history techniques, as evidenced by upper division course work or a major research report or publication based on original research

and

- Demonstrated ability to carry historical research to completion, as evidenced by the timely completion of a major research report or publication based on original research

and

- Understanding of the Section 106 process and familiarity with cultural resources policies, procedures, and goals, as demonstrated in reports and/or past performance.

Principal Architectural Historian

Fully qualified under the Secretary of the Interior's standard for architectural historians. Able to conduct all types of studies involving historic-period resources, including traditional cultural properties and cultural landscapes, other than archaeological properties. May author evaluation reports and other compliance documents, with peer review to ensure document quality. May conduct consultant oversight and contract management. May determine applicability of Environmentally Sensitive Areas as described in Attachment 5. Minimum qualifications:

- A graduate degree in architectural history, art history, architecture, or a closely related field, with a concentration in American architecture; or a graduate degree in American history, public history, historic preservation, American studies, or a closely related field, and at least 24 months of full-time related professional experience in research, writing, teaching, interpretation, or other

related professional activity; or a bachelor's degree in one of the above disciplines, plus 24 months of full-time related professional experience in research, writing, teaching, interpretation, or other related professional activity

and

- Demonstrated ability to apply the practices of history or architectural history in the identification, evaluation, and documentation of historic properties in California or the United States; or demonstrated familiarity with U.S. history, documentary research, and oral history techniques, as evidenced by upper division course work or a major research report or publication based on original research

and

- Demonstrated ability to carry historical research to completion, as evidenced by the timely completion of a thesis, dissertation, or other comparable major study consisting of the design and execution of a historical study concerning a historic-period property or properties

and

- Ability to carry out the more complex and difficult aspects of the Section 106 process

and

- Understanding of Caltrans cultural resources policies, procedures, and goals, as demonstrated in reports and/or past performance

and

- Familiarity with Caltrans cultural resources contracting policies and procedures.